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International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification <sup>7</sup> :  G01N	A2	(11) International Publication Number: <b>WO 00/50868</b>  (43) International Publication Date: 31 August 2000 (31.08.00)
(21) International Application Number: PCT/US00/04424		(74) Agents: DOYLE, Kathryn et al.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, 2005 Market Street, 22nd Floor, Philadelphia, PA 19103-7086 (US).
(22) International Filing Date: 22 February 2000 (22.02.00)		
(30) Priority Data: 60/121,110 22 February 1999 (22.02.99) US		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
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(54) Title: GENERATION OF DIAGNOSTIC TOOLS TO ASSAY THE HUMAN LHX3/P-LIM/LIM-3 FACTOR

## (57) Abstract

The present invention relates to mammalian Lhx3 nucleic acids and proteins encoded thereby. More specifically, the invention discloses novel porcine and human Lhx3 genes and isoforms thereof. The invention further relates to genomic mapping of the human Lhx3 coding region to the subtelomeric region of Chromosome 9. The invention also relates to methods and kits relating to the nucleic and amino acids encoding Lhx3 and uses therefor.